Doron L Grossman-Naples

Contact Information

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Research Interests

Algebraic topology, algebraic geometry, and homotopy theory.

Education

University of Illinois at Urbana Champaign

Ph.D Candidate, Mathematics (expected May 2025)

- Advisor: Charles Rezk

M.S. in Mathematics, August 2021

University of California at Berkeley

B.A. in Mathematics, May 2019

- Highest honors in mathematics
- Minor in physics

Papers

D. Grossman-Naples, *Finite Manifolds and Minimal Finite Models of Closed Surfaces* (2018). Available at http://math.uchicago.edu/~may/REU2018/.

Talks

Finite Spaces and Finite Models, Graduate Student Homotopy Theory Seminar, University of Illinois at Urbana-Champaign (September 2020).
Simplicial Localizations and How to Find Them, Graduate Student Homotopy Theory Seminar, University of Illinois at Urbana-Champaign (October 2021).

Seminar and Conference Organization

Graduate Student Homotopy Theory Seminar, University of Illinois at Urbana-Champaign, Fall 2021

Teaching experience

Fall	2019	Teaching Assistant, Calculus I
Spring	2020	Teaching Assistant, Multivariable Calculus
Fall	2021	Teaching Assistant, Linear Algebra with Computational Applications

Honors and Awards

2019 Valedictorian, Mathematics Department
University of California at Berkeley

2019 Paul Chernoff Memorial Prize
University of California at Berkeley

Graduate Coursework

- ❑ Algebraic Topology
- ❑ Abstract Algebra
- ❑ Commutative Algebra
- ❑ Real Analysis
- ❑ Complex Variables
- ❑ Smooth Manifolds
- ❑ Algebraic Number Theory
- ❑ Algebraic Geometry
- ❑ Functional Analysis
- ❑ Stable Homotopy Theory
- ❑ Simplicial Homotopy Theory
- ❑ Lie Groupoids

Relevant Skills

Languages: English, Italian.